AUTODOC CLUB

How to change rear suspension lower control arm on **Nissan Qashqai J10** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
NISSAN X-Trail (T31) 2.0 dCi FWD, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.5 dCi, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0 All-wheel Drive, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6 dCi All-wheel Drive, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6 dCi, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0 dCi, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0 dCi All-wheel Drive, NISSAN X-Trail (T31) 2.0 dCi, NISSAN X-Trail (T31) 2.0, NISSAN X-Trail (T31) 2.0 dCi 4x4, NISSAN X-Trail (T31) 2.5 4x4, NISSAN X-Trail (T31) 2.0 FWD, NISSAN X-Trail (T31) 2.5, (+ 36)

The steps may slightly vary depending on the car design.

REPLACEMENT: REAR SUSPENSION LOWER CONTROL ARM – NISSAN QASHQAI J10. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Torque wrench
- Combination spanner #16
- Combination spanner #18
- Combination spanner #21
- Drive socket # 18
- Drive socket # 21
- Wheel impact socket #21
- Ratchet wrench
- Hammer
- Pin punch
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

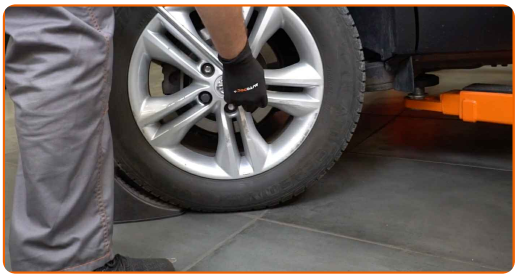
Replacement: rear suspension lower control arm – Nissan Qashqai J10. Tip from AUTODOC experts:

- The replacement procedure is identical for the left and right lower control arms.
- Please note: all work on the car – Nissan Qashqai J10 – should be done with the engine switched off.

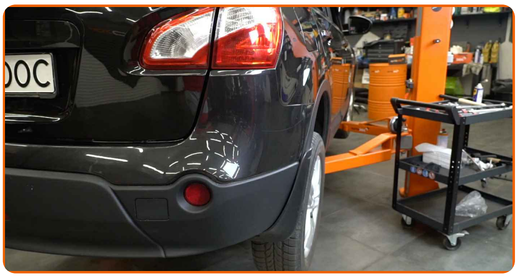
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.

2 Loosen the wheel mounting bolts. Use wheel impact socket #21.



3 Raise the rear of the car and secure on supports.



4 Unscrew the wheel bolts.



Replacement: rear suspension lower control arm – Nissan Qashqai J10.
AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

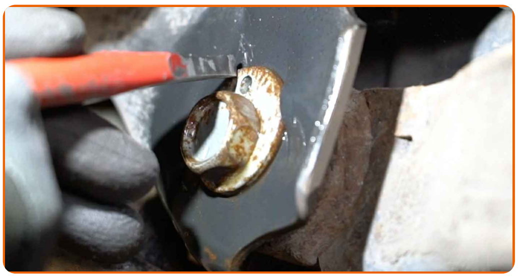
5 Remove the wheel.



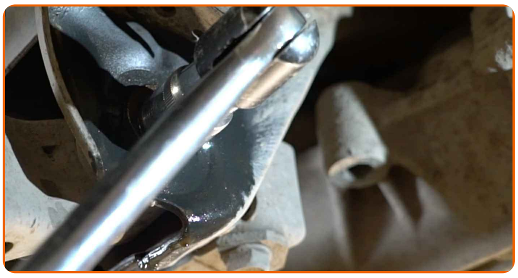
6 Clean the control arm fasteners. Use a wire brush. Use WD-40 spray.



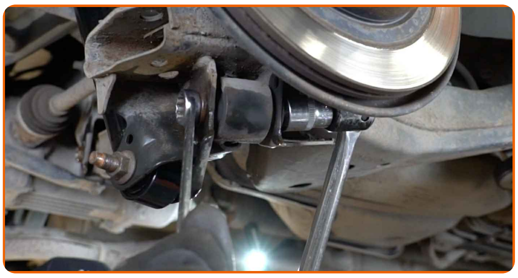
7 Make a mark on the camber adjustment bolt.



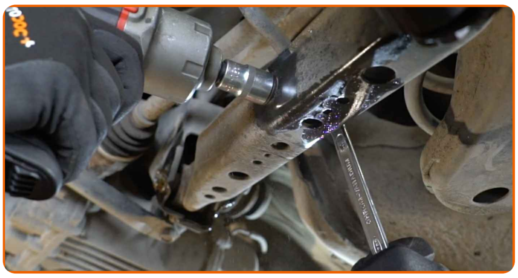
8 Unscrew the fastener connecting the control arm to the rear subframe. Use a combination spanner #21. Use a drive socket #21. Use a ratchet wrench.



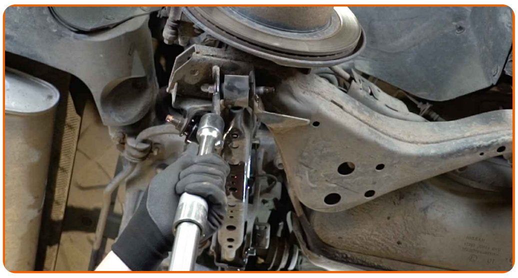
9 Unscrew the fastener connecting the control arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #21. Use a ratchet wrench.



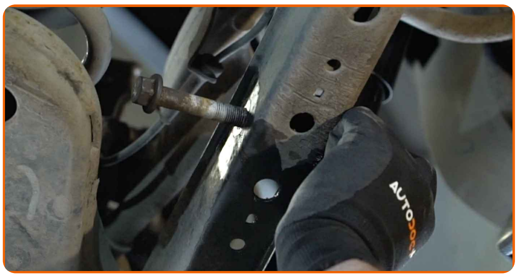
10 Unscrew the fastener connecting the stabilizer bar with the control arm. Use a combination spanner #16. Use a drive socket #18. Use a ratchet wrench.



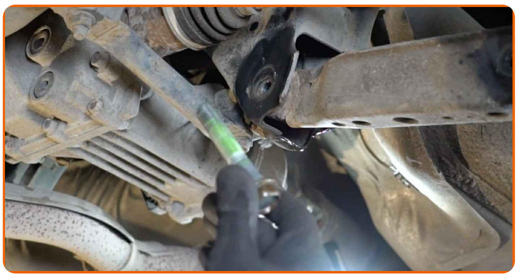
11 Support the arm. Use a hydraulic transmission jack.



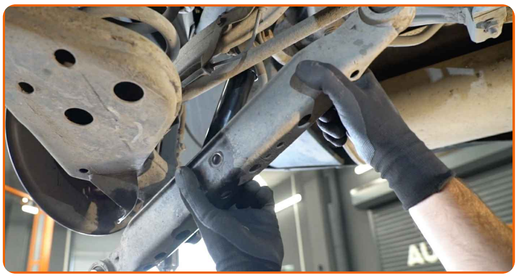
12 Remove the fastening bolt. Use a pin punch. Use a hammer.



13 Remove the fastening bolt.



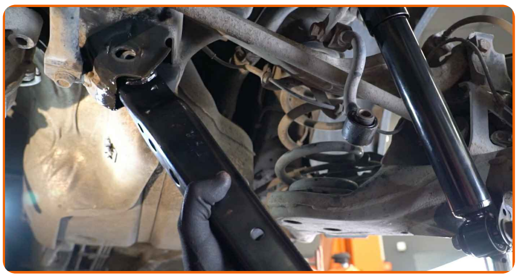
14 Remove the arm.



15 Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.

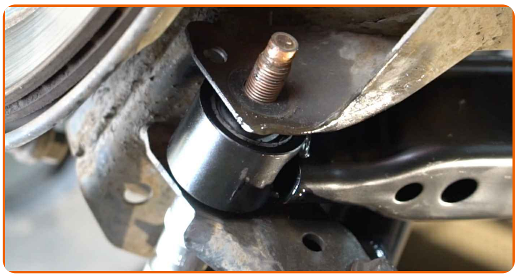


16 Install a new arm.



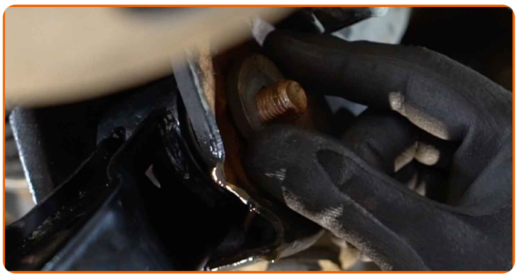
17

Install the fastening bolts.



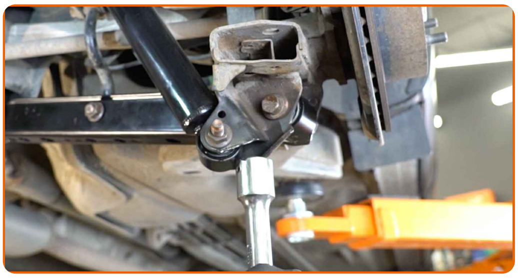
18

Adjust the position of the alignment bolt according to the mark.



19

Raise the hydraulic transmission jack by 10-15 cm.



20

Tighten the fastener connecting the suspension arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #21. Use a torque wrench. Tighten it to 150 Nm torque.



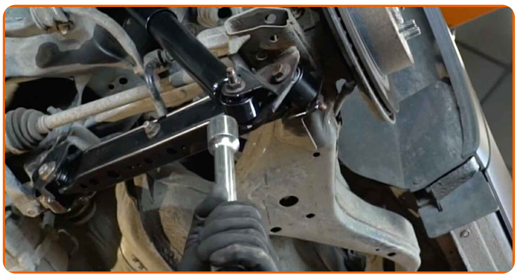
21 Tighten the fastener connecting the control arm to the rear subframe. Use a combination spanner #21. Use a drive socket #21. Use a torque wrench. Tighten it to 118 Nm torque.



22 Tighten the fastener connecting the stabilizer bar with the control arm. Use a combination spanner #16. Use a drive socket #18. Use a torque wrench. Tighten it to 88 Nm torque.



23 Remove the support from under the arm.



Replacement: rear suspension lower control arm – Nissan Qashqai J10. Tip:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

24 Treat all joints of the arm. Use copper grease.



25 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



26 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: rear suspension lower control arm – Nissan Qashqai J10. After applying the spray, wait a few minutes.

27 Install the wheel.



Replacement: rear suspension lower control arm – Nissan Qashqai J10. Tip from AUTODOC:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

28 Screw in the wheel bolts. Use wheel impact socket #21.



29 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 112 Nm torque.



30 Remove the jacks and chocks.

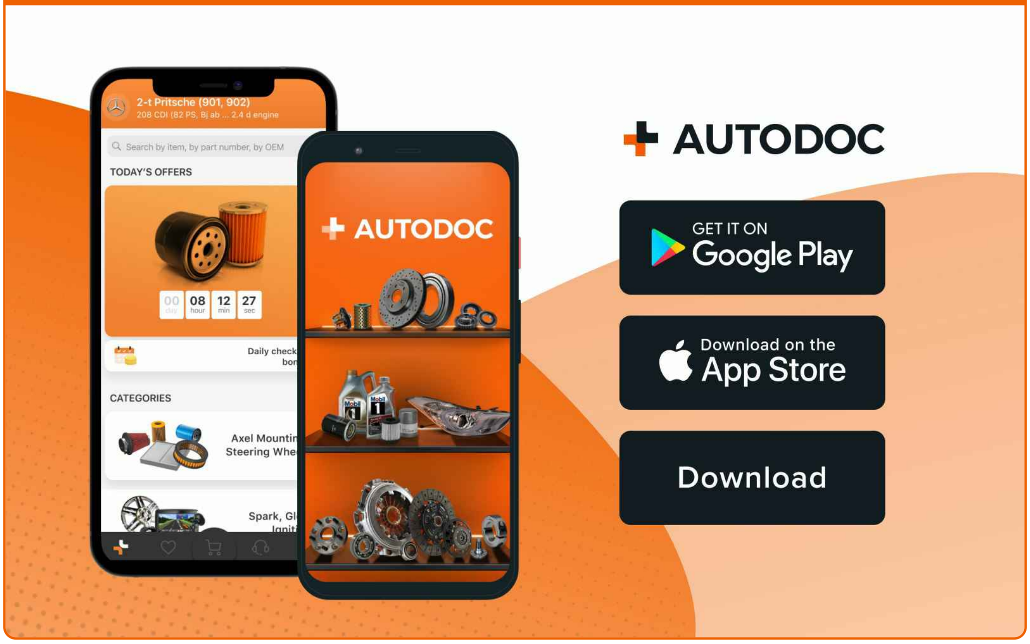


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